

CITY OF NEW YORK
DEPARTMENT OF BUILDINGS

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of Materials and Equipment Acceptance (MEA) Division.

Satish K. Babbar, R.A., Acting Commissioner

MEA 399-00-M
Report of Material and Equipment Acceptance Division

Manufacturer – Concord Elevator Inc., 107 Alfred Kuehne Blvd., Brampton. Ont. Canada L6T 4K3.

Trade Name – Concord, Model 2000, 2 speed landing entrance assembly.

Product - Fire rated landing entrance frame assembly with two speed horizontal sliding doors.

Pertinent Code Section(s) - 27-342.

Prescribed Test(s) - RS 5-6 (ASTM E152).

Laboratory - Underwriters Laboratories of Canada.

Test Report(s) - File #CR2341 - Passenger Elevator Fire Door and Entrance Frame Assemblies, dated June 1, 1999 and July 19, 1999.

Description – Passenger Elevator Fire Doors, Horizontally Sliding, multi-leaf, Side-Opening Elevator Fire Door and Frame Assembly. Maximum overall panel size up to 638 mm in width, 2299 mm in height and 32 mm thick, suitable for use on Concord, residential and commercial elevator. This passenger elevator fire door, frame and hardware assembly is intended for the protection of openings, up to 1220 mm in width by 2286 mm in height, in fire separations required to have a fire protection rating of up to and including 1-1/2 h when installed in masonry or drywall construction. The doors were of a single sheet vertically stiffened design, with C.R.S. facia. The vertical stiffeners were spaced 250 mm OC and were spot-welded to the face. The thickness of the doors was 32 mm. A steel hanger was attached to the top of each door as well as a door closer anchored to the sill and to the slow and fast door. The strike jamb was equipped with a sight guard. No rear binders were used.

Frame - The strike and pass jamb is fabricated of 1.5 mm C.R.S. and struts of 3.0 mm C.R.S.

Sills - The sill was fabricated from extruded aluminum.

Headers - The header was fabricated from 3.0 mm C.R.S.

Track - The track was fabricated from 2.7-mm steel.

Hanger Sheave and Upthrust Rollers - Each door is provided with two roller sheaves and upthrust assemblies.

Guide Shoe - A guide shoe retained is attached to the bottom edge of each door.

Door Opener - The side opening doors are interconnected by means of a door opener fixed to the sill and to each door.

Recommendation - That the above described elevator door assemblies be accepted as having 1-1/2 hour fire protection rating when installed in accordance with RS 5-8 and RS 18-1 and when provided with an MEA accepted interlock assembly on condition that the certificates or labels accompanying all shipments be provided by the testing laboratory which shall be regularly engaged by the manufacturer to make periodic inspections and/or tests of the doors in the course of their manufacture. All shipments and deliveries of such materials shall, in addition, be accompanied by a tag, certifying that the materials shipped or delivered is equivalent to those tested and accepted for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance DEC 129/2000

Examined By S. Derkham